



Thumpless Roads Now Under Test

AUSTIN, Tex. (UPI)—Eighteen states are now trying out thumpless roads — new, super-smooth highways that eliminate the "double thumps" for motorists and minimize highway maintenance costs.

Called CRCP for "continuously reinforced concrete pavement," the new jointless roadway is made by placing overlapping high-strength steel reinforcing bars about mid-depth in the concrete.

The number of miles of CRCP road in the United States has almost doubled annually for the last three years and, as of October, 1,237 miles were in use or under contract.

A CRCP highway permits use of a slightly thinner pavement slab than needed for a conventional jointed highway, according to D. C. Greer, highway engineer of the Texas Highway Department, a leader in CRCP use. Experience in Texas indicates the new method increases pavement life and reduces maintenance, Greer says.

Because the concrete is held in a grip of steel throughout its length, these new roads don't need the contraction-expansion joints found in conventional concrete roads. It is these joints that cause the annoying "thumps" in conventional concrete pavement.

These joints enlarge in the winter, due to contraction of the concrete and they must subsequently be filled in with asphalt. In summer when the pavement expands, the asphalt may be forced out, creating bumps. The "double thumps" result when a car's front and rear wheels pass rapidly over the bumps.

CRCP roads are in use in Indiana, Illinois, New Jersey, California, Texas, Pennsylvania, Michigan, Maryland, Mississippi, Maine, Wisconsin, North Dakota, Minnesota and Rhode Island. More are under design in Illinois, Michigan, Mississippi, Texas, Wisconsin, North Dakota, Virginia and Ohio.

Former Convict Given Probation

PORTLAND (UPI)—An ex-convict now paralyzed as a result of a gunshot wound received five years on probation Monday after he pleaded guilty to assault with a dangerous weapon.

Gilbert Layman, 27, of Portland originally was charged with assault with intent to kill after he tried to shoot two Portland detectives who were taking him to jail in a patrol car.

The car crashed, injuring Sgt. Donald Chapin, and Layman became paralyzed after he was shot in the ensuing struggle for the gun.

An additional charge of being an ex-convict in possession of firearms was dismissed.

Pretty Pair



9077
S-10-12
M-14-16
L-18-20

by Marian Martin

Gay, new! Apron in two lengths — for chores or parties. Sunbonnet (adjustable head size) is ideal for garden or centennial celebrations.

Printed Pattern 9077: Misses' Sizes Small (10, 12); Medium (14, 16); Large (18, 20). See pattern for yardages.

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Nixon's Availability May Be Tested in Oregon's Primary

By ZAN STARK

United Press International SALEM, Ore. (UPI)—Richard Nixon's availability for the 1964 Republican presidential nomination may be put to the test in Oregon.

The former vice president probably will be listed on the Oregon presidential primary ballot.

The possibility adds spice to the politically important Oregon election — and could have impact on New Hampshire's first-in-the-nation primary.

Under Oregon's unique election law, the Secretary of State lists whoever he finds "generally" advocated in national news media on the presidential primary ballot.

Added Zest

The Secretary of State doesn't ask the prospective candidate if he wants to be listed, and the candidate has but 72 hours in which to file an affidavit declaring he "is not and does not

intend to become" a candidate.

Adding zest to the Oregon primary list is the fact it will be announced March 6, just four days before the New Hampshire primary.

Sergeant Defects To East Germany

BERLIN (UPI)—A U.S. Army sergeant has defected to Communist East Germany and asked for political asylum, the East German news agency ADN said Tuesday.

The official Communist agency identified the sergeant as James Carl Moore of the U.S. Third Armored Division at Gelhausen, near Frankfurt in West Germany.

At Heidelberg, a U.S. Army spokesman said the ADN report was being investigated. The spokesman said he knew of no such defection.

Disavowal statements must be filed by March 9—the day before the New Hampshire vote.

Oregon Secretary of State Howell Appling Jr., a Republican, isn't saying who's going to be on the list.

But it seems certain that Nixon, New York Gov. Nelson Rockefeller, and Arizona Sen. Barry Goldwater will top the list.

Nixon, who missed the White House in 1960 by only 119,000 votes, won the Oregon primary, and carried the state in the general election.

At the Western Republican Conference, held in Oregon last month (Oct. 10-13), both Goldwater and Rockefeller said they thought Nixon was a contender for the GOP nomination.

Hatfield Out

Oregon's Gov. Mark Hatfield, mentioned both as a GOP vice presidential hopeful and presidential dark horse, says he will

not allow his name to be placed on the Oregon primary ballot.

Hatfield expects to be a delegate to the national convention. In Oregon, delegates are elected and required to back the winner of the state's primary.

Hatfield used the Western Republican Conference as a platform to invite all GOP hopefuls to enter the May 15 Oregon primary "to try the track for time and distance."

He said "any candidate who is successful in Oregon gains additional momentum to carry him into the California primary a few weeks later and into the convention itself."

Hatfield is following a policy of neutrality. Because he is required to back the Oregon primary winner, the bigger field, the stronger Hatfield's position becomes.

And having Nixon in the Oregon race could solve Hatfield's dilemma—the Oregon primary

could reveal whether the former vice president still has voter appeal.

It was Hatfield who nominated Nixon at the 1960 GOP national convention.

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INDIRECT DENIAL — Teamsters Pres. James Hoffa tells newsmen in Washington that subordinate union officials with whom he is allegedly at odds were at their desks now "and will be at their desks Jan. 1." Hoffa's indirect denial of the resignation report came as he was about to go before a House Labor subcommittee and testify on legislation that would bring about a shorter work week. (UPI)

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